

Matain-e-nator: *Make the World a Better Place*

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ABSTRACT

Our goal is to improve the overall quality of a facility as well as decrease an organization's overall operating expenses. By letting those who maintain facilities know about problems sooner. They can react quicker and more efficiently if they have better information about the status of their facilities. *Maintain-e-nator* provides a cell phone application to report problems as well as a web interface to allow maintenance workers to be notified of new problems.

Categories and Subject Descriptors

H.4 [Information Systems Applications]: Miscellaneous;
D.2.8 [Software Engineering]: Metrics—*complexity measures, performance measures*

General Terms

Applications

Keywords

ACM proceedings, L^AT_EX, text tagging

1. INTRODUCTION

Eventually everything breaks. Nothing lasts forever. Buildings start as brand new but eventually break down. Roads start as smooth, but eventually develop potholes. These breakdowns can sometimes be ignored like a squeaky door, but others can cause safety and health risks. If the stairs of a building are in disrepair they could cause a tripping hazard for other people.

2. MOTIVATIONS

It is easy for a large organization to be unaware of all the maintenance problems that their facilities have. Some obscure room may need a light bulb replaced but those that work in that area do not report the problem or are not around when the build is exhibiting its behaviors. So the people who take a night class are the only ones aware of the

problem. They do not know where to submit a problem and are often not willing to do the necessary research to find out how to report a problem.

These problems are not limited to the indoors. They can also involve roads, landscaping, sidewalks, outdoor sports facilities.

2.1 What is a problem?

We consider a maintenance problem anything that can hurt someone as well as something that detracts from the overall quality of the facilities. So a dirty floor or table could be considered a problem. At the end of the day the users who submit a problem are the ones who are deciding what a problem is. Who better to determine a problem than those who actually use the facilities?

2.2 Goal

The overall goal is to make maintenance workers aware of the problems that exists on their property. Are android application and web interface will not promise cleaner facilities. Our goal is to help those that manage a property.

3. DESIGN

We use [1] as our web server framework.

4. CONCLUSIONS

This paragraph will end the body of this sample document. Remember that you might still have Acknowledgments or Appendices; brief samples of these follow. There is still the Bibliography to deal with; and we will make a disclaimer about that here: with the exception of the reference to the L^AT_EX book, the citations in this paper are to articles which have nothing to do with the present subject and are used as examples only.

5. ACKNOWLEDGMENTS

This section is optional; it is a location for you to acknowledge grants, funding, editing assistance and what have you. In the present case, for example, the authors would like to thank Gerald Murray of ACM for his help in codifying this *Author's Guide* and the .cls and .tex files that it describes.

6. REFERENCES

[1] Django. <https://www.djangoproject.com/>, 2012.